

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
29 March 2001 (29.03.2001)

PCT

(10) International Publication Number
WO 01/22172 A1(51) International Patent Classification⁷: G03G 7/00, 9/12, 9/13, B41M 5/00

(21) International Application Number: PCT/IL99/00510

(22) International Filing Date:
22 September 1999 (22.09.1999)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **INDIGO**
N.V. [NL/NL]; 5 Limburglaan Street, NL-6221SH Maas-
tricht (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ALMOG, Yaacov**
[IL/IL]; 2 Halutz Street, 76251 Rehovot (IL). **BRAN-**
DRISS, Sergio [IL/IL]; 11 Yavetz Street, 76252 Rehovot
(IL).(74) Agents: **FENSTER, Paul et al.**; Fenster & Company
Patent Attorneys, LTD., P.O. Box 10256, 49002 Petach
Tikva (IL).(81) Designated States (*national*): AE, AL, AM, AT, AU, AZ,
BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK,
DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO,
RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
US, UZ, VN, YU, ZA, ZW.(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent
(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent
(AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,
MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GW, ML, MR, NE, SN, TD, TG).**Published:**

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

WO 01/22172 A1

(54) Title: SUBSTRATE COATING FOR IMPROVED TONER TRANSFER AND ADHESION

(57) Abstract: A printing method comprising: providing a substrate having a surface coated with a coating comprising at least 25% silica; and printing on the coated surface with an ink comprising pigmented polymer particles and a carrier liquid.